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February 28, 2002

**FACSIMILE MESSAGE - COVER SHEET**

To: Unit 2621

Fax number: (703) 872-9313

Company: USPTO

Your Ref: 09/782,509

No. of pages following: 7

From: Bryan A. Santarelli

Our Ref: 1552-7-10

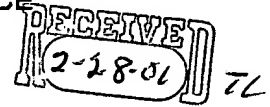
Regarding: Filing Receipt Correction

Message: Please see attached.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Official**

Applicant: Woobin Lee  
Serial No.: 09/782,509  
Filing Date: February 12, 2001  
Title: CIRCUIT AND METHOD FOR PERFORMING A TWO-DIMENSIONAL TRANSFORM DURING THE PROCESSING OF AN IMAGE  
Attorney Docket No.: 1552-7-10

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

Date of facsimile transmission: February 28, 2002

I hereby certify that this correspondence is being transmitted via facsimile to Fax number (703) 872-9313 Examining Unit 2621 on the date indicated below and is addressed to the Commissioner for Patents on this 28th day of February, 2002.

  
Kelly Pedersen

## REQUEST FOR CORRECTION OF FILING RECEIPT

ASSISTANT COMMISSIONER FOR PATENTS  
APPLICATIONS PROCESSING DIVISION  
CUSTOMER CORRECTION BRANCH

**Status:**

A Filing Receipt for the above-referenced patent application has been issued by the PTO. The Filing Receipt sets forth an inaccuracy concerning the present application. The instant request provides the PTO with correct data so that the records for this patent application may be appropriately updated.

The Filing Receipt contains an error in the Domestic Priority section. The Filing Receipt states that the priority data is inconsistent with PTO records. A copy of the first page of the PCT publication is enclosed which clearly states that PCT/US99/18533 does indeed claim priority from 60/096,534 filed August 13, 1998. Also enclosed is a copy of the Filing Receipt of the above-referenced provisional application.

A copy of the PTO's Filing Receipt is included with this request. Reference to the Filing Receipt and the enclosed documents should provide the Office with sufficient evidence to support Applicants' request for correction.

A correction of the Filing Receipt is respectfully requested in this regard.

Should the Customer Correction Branch have any questions concerning this Request For Correction of Filing Receipt, a call to the undersigned is strongly encouraged.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



Bryan A. Santarelli  
Attorney for Applicant  
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Page 1 of 3



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/782,509	02/12/2001	2621	953	1552-7-10	16	57	8

CONFIRMATION NO. 7513

## UPDATED FILING RECEIPT



\*OC000000008543018\*

Bryan A. Santarelli  
Suite 350  
155-108th Avenue N.E.  
Bellevue, WA 98004-5901

Date Mailed: 09/13/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## ✓ Applicant(s)

Woobin Lee, Lynnwood, WA;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF PCT/US99/18533 08/13/1999  
AND CLAIMS BENEFIT OF 60/098,534-08/13/1998

*Not inconsistent with PTO records.*

*This is correct*

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SEP 20 2001

## Foreign Applications

GRAYBEAL JACKSON  
HALEY LLP

If Required, Foreign Filing License Granted 03/20/2001

Projected Publication Date: 12/20/2001

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Circuit and method for performing a two-dimensional transform during the processing of an image

## Preliminary Class

Page 2 of 3

382

Data entry by : VO, THANH

Team : OIPE

Date: 09/13/2001

[REDACTED]

Page 3 of 3

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**PLEASE NOTE the following Information about the Filing Receipt:**

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- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

1552-7-2

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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G06K 9/00

A3

(11) International Publication Number:

WO 00/10320

(43) International Publication Date:

24 February 2000 (24.02.00)

(21) International Application Number:

PCT/US99/18533

(22) International Filing Date:

13 August 1999 (13.08.99)

(30) Priority Data:

60/096,534

13 August 1998 (13.08.98)

US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application

US

60/096,534 (CIP)

Filed on

13 August 1998 (13.08.98)

(71) Applicant (for all designated States except US): EQUATOR TECHNOLOGIES, INC. [US/US]; Suite 900, 520 Pike Street, Seattle, WA 98101-4001 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LEE, Woobin [KR/US]; 1402 181st Place S.W., Lynnwood, WA 98037 (US).

(74) Agents: SANTARELLI, Bryan, A. et al.; Graybeal Jackson Haley LLP, Suite 360, 155 108th Avenue, N.E., Bellevue, WA 98004-5901 (US).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

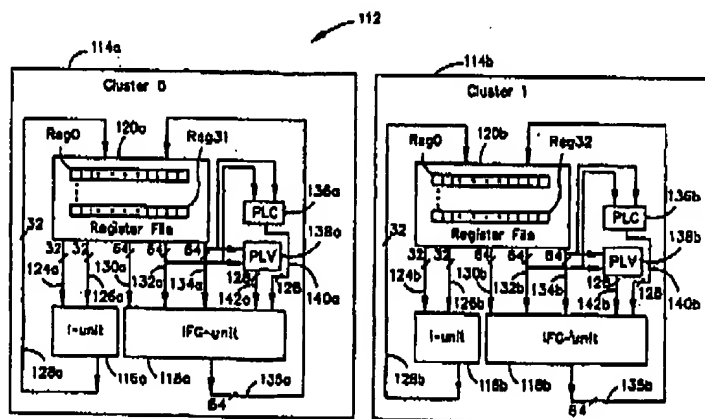
With international search report.

(88) Date of publication of the international search report:

18 May 2000 (18.05.00)

RECEIVED  
JUN - 5 2000

(54) Title: PERFORMING TRANSFORM DURING PROCESSING OF AN IMAGE

GRAYBEAL JACKSON  
HALEY LLP

## (57) Abstract

An image decoder performs a 2D transforms as a series of 1D transforms. The processor is operable to store a column of values in a memory as a row of values, combine the values within the stored row to generate a column of the resulting values, and store the resulting values in the memory as a row of resulting values. Such an image decoder can store values in a memory register such that when the processor combines these values to generate intermediate IDCT values, it stores these intermediate IDCT values in a transposed fashion (12).

PTO-103P  
(Rev. 8-95)PROVISIONAL APPLICATION  
FILING RECEIPTUNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS
60/096,534	08/13/98	\$75.00	1552-7	3

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GRAYBEAL JACKSON  
HALEY LLP

Receipt is acknowledged of this Provisional Application. This Provisional Application will not be examined for patentability. Be sure to provide the PROVISIONAL APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to Box Provisional Application within 10 days of receipt. Please provide a copy of the Provisional Application Filing Receipt with the changes noted thereon. This Provisional Application will automatically be abandoned twelve (12) months after its filing date and will not be subject to revival to restore it to pending status beyond a date which is after twelve (12) months from its filing date.

Applicant(s) WOOBIN LEE, LYNNWOOD, WA.

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\* SMALL ENTITY \*

TITLE

METHOD OF COMPUTING COSINE TRANSFORM FOR VIDEO  
COMPRESSION